LISTING OF CLAIMS

13. (Previously presented) A nucleic acid encoding a protein comprising more than two homologous antigenic peptides from the same domain from different genotypes of hepatitis C virus.

14-15. Canceled

16. (Original) The nucleic acid of Claim 13, wherein the antigenic peptides are from NS4 proteins.

17. (Previously presented) A nucleic acid encoding a protein comprising more than two antigenic peptides from the same domain from different genotypes of hepatitis C virus and wherein the mosaic protein comprises the amino acid sequences set forth in SEQ ID NOs:23-33.

18. (Original) The nucleic acid of Claim 13, wherein the antigenic peptides are from non-structural proteins.

19. (Previously presented) A nucleic acid encoding a protein comprising more than two antigenic peptides from the same domain from different genotypes of hepatitis C virus, wherein the antigenic peptides are from non-structural proteins, and wherein the mosaic protein comprises the amino acid sequence set forth in SEQ ID NO:52.

31. (Currently amended) A nucleic acid encoding a mosaic protein comprising more than two homologous antigenic peptides from different genotypes or subtypes of a species of Hepatitis C virus, wherein the antigenic peptides are selected from the amino acid sequences set forth in SEQ ID NOs:23-33.

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32. (Previously presented) The nucleic acid of claim 31, wherein the encoded mosaic protein comprises the amino acid sequences set forth in SEQ ID NOs:23-33.

33. (Previously presented) The nucleic acid of claim 31, wherein the encoded mosaic protein comprises the amino acid sequences set forth in SEQ ID NOs:23-33 in numerical order.

34. (Currently amended) A nucleic acid encoding a mosaic protein comprising more than two homologous antigenic peptides from different genotypes or subtypes of a species of Hepatitis C virus, wherein the encoded mosaic protein has an amino acid sequence set forth in SEQ ID NO:52.

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